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Our File: 9-13528-107US

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Number of pages including cover letter:

**19**

Date:

February 1, 2005

From:

**Kent Daniels**

Telephone:

(613) 780-6873

E-mail:

kdaniels@ogilvyrenault.com

No.	Company	City	Phone
<b>ART UNIT 2663</b> Examiner: JUNG, MIN	United States Patent Office – Facsimile Centre	Alexandria, VA	(703) 872-9306

Re: Serial No. 09/648,610  
 Inventor(s): Diana Joan Wilhelm  
 Title: IP Multicast Services Over ATM Multicast

Request for Continued Examination and Voluntary Amendment.

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4918).

# FEE TRANSMITTAL

## For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)  
2,690

### Complete if Known

Application Number	09/648,610
Filing Date	August 28, 2000
First Named Inventor	Diana Joan Wilhelm
Examiner Name	JUNG, MIN
Art Unit	2663
Attorney Docket No.	9-13528-107US

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 19-5113 Deposit Account Name: Ogilvy Renault

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

under 37 CFR 1.16 and 1.17

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)	Fee (\$)
50	- 20 or HP = 18	x 50	= 900		50	25
					200	100
					360	180
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
10	- 3 or HP = 5	x 200	= 1,000			

HP = highest number of total claims paid for, if greater than 20.

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50

sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof      Fee (\$)

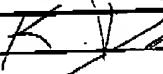
- 100 =      / 50 =      (round up to a whole number) x      =      Fees Paid (\$)

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

790

Other (e.g., late filing surcharge): #1801 RCE

SUBMITTED BY		Registration No. (Attorney/Agent)	44206	Telephone	613-780-8673
Signature		Kent Daniels, P.Eng.		Date	February 1, 2005
Name (Print/Type)					

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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 Effective on 12/08/2004.  
 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)

Complete if Known	
Application Number	09/648,610
Filing Date	August 28, 2000
First Named Inventor	Diana Joan Wilhelm
Examiner Name	JUNG, MIN
Art Unit	2663
Attorney Docket No.	9-13528-107US

## METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify):
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 19-5113 Deposit Account Name: Ogilvy Renault				
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments		

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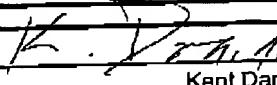
## FEES CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES									
		FILING FEES		SEARCH FEES		EXAMINATION FEES			
<u>Application Type</u>		<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fees Paid (\$)</u>				
Utility		300	150	500	250	200	100		
Design		200	100	100	50	130	65		
Plant		200	100	300	150	160	80		
Reissue		300	150	500	250	600	300		
Provisional		200	100	0	0	0	0		

2. EXCESS CLAIM FEES									
<u>Fee Description</u>									
Each claim over 20 (including Reissues)									
Each independent claim over 3 (including Reissues)									
Multiple dependent claims									
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>			
50	18	50	900		50	25			
HP = highest number of total claims paid for, if greater than 20.									
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>			
10	5	200	1,000						
HP = highest number of independent claims paid for, if greater than 3.									

3. APPLICATION SIZE FEE									
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			
100									
- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____									
<u>Fees Paid (\$)</u>									

4. OTHER FEE(S)									
Non-English Specification, \$130 fee (no small entity discount)									
Other (e.g., late filing surcharge): #1801 RCE 790									

SUBMITTED BY		Registration No.	44206	Telephone	613-780-8673
Signature		(Attorney/Agent)		Date	February 1, 2005
Name (Print/Type)	Kent Daniels, P.Eng.				

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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PTO/SB/06 (12-04)

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**PATENT APPLICATION FEE DETERMINATION RECORD**  
Substitute for Form PTO-875Application or Docket Number  
09/648,610

APPLICATION AS FILED - PART I (Column 1)		(Column 2)	SMALL ENTITY	OTHER THAN SMALL ENTITY
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	RATE (\$)
BASIC FEE (37 CFR 1.16(e), (b), or (c))	N/A	N/A	N/A	N/A
SEARCH FEE (37 CFR 1.16(m), (l), or (m))	N/A	N/A	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(l))	32 minus 20 =	12	X =	X =
INDEPENDENT CLAIMS (37 CFR 1.16(n))	5 minus 3 =	2	X =	X =
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).		N/A	N/A
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(l))			TOTAL	TOTAL

\* If the difference in column 1 is less than zero, enter "0" in column 2.

## APPLICATION AS AMENDED - PART II

(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY	OTHER THAN SMALL ENTITY
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDI- TIONAL FEE (\$)
Total (37 CFR 1.16(l))	50	Minus	32 = 18	X 50 =	900
Independent (37 CFR 1.16(n))	10	Minus	5 = 5	X 200 =	1,000
Application Size Fee (37 CFR 1.16(s))			N/A	N/A	N/A
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(l))			TOTAL ADD'L FEE	TOTAL ADD'L FEE	0

(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY	OTHER THAN SMALL ENTITY
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDI- TIONAL FEE (\$)
Total (37 CFR 1.16(l))	Minus	---	=	X =	
Independent (37 CFR 1.16(n))	Minus	---	=	X =	
Application Size Fee (37 CFR 1.16(s))			N/A	N/A	N/A
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(l))			TOTAL ADD'L FEE	TOTAL ADD'L FEE	0

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (08-03)

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FORM

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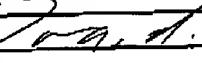
Total Number of Pages in This Submission

18

Application Number	09/648,610
Filing Date	August 28, 2000
First Named Inventor	WILHELM, Diana Joan
Art Unit	2663
Examiner Name	Min Jung
Attorney Docket Number	9-13528-107US

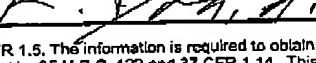
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> Request for Continued Examination
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kent Daniels, P.Eng. Reg. No. 44,206	
Signature		
Date	February 1, 2005	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kent Daniels, P.Eng. Reg. No. 44,206	
Signature		Date
	February 1, 2005	

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FEB 01 2005

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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
WILHELM, Diana JoanAttorney Docket No.  
9-13528-107US

Serial No: 09/648,610

Group Art Unit: 2663

Filed: 20/06/2000

Examiner: Min Jung

For: IP Multicast Services Over ATM Multicast

Assistant Commissioner for Patents  
Washington, D.C. 20231

Mail Stop-RCE

Sir:

## VOLUNTARY AMENDMENT

Pursuant to the Request for Continued Examination filed simultaneously herewith,  
please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page  
2 of this paper.

Remarks/Arguments begin on page 13 of this paper.